

## Storm Data and Unusual Weather Phenomena - November 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### ILLINOIS, South

(IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC

11/01/12 00:00 CST	0	Drought
11/30/12 23:59 CST	0	

There was no appreciable change in long-term drought conditions during the month of November. Rainfall was below normal during the month, but this deficit was partially offset by low evaporation rates caused by unseasonably cool air. Moderate drought conditions persisted throughout November south of a line from Carbondale to Carmi. The main impact of the long-term drought was on farm ponds used for irrigating fields or raising livestock. Soil moisture was near normal. Some pastures remained in poor or very poor condition, but many of them improved to adequate condition. Streamflows were running about normal. At the Carbondale airport, November rainfall was 1.69 inches, which was 2.56 inches below normal. The drought began in May and continued into December in most areas.

(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC

11/08/12 04:00 CST	0	Dense Fog
11/08/12 07:00 CST	0	

Widespread dense fog reduced visibility to one-quarter mile or less across most of southern Illinois. Surface high pressure was centered over the lower and mid Mississippi Valley, which resulted in clear and calm conditions conducive to dense fog.

(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC

11/21/12 03:00 CST	0	Dense Fog
11/21/12 09:00 CST	0	

Widespread dense fog reduced visibility to one-quarter mile or less across most of southern Illinois. Surface high pressure was centered over the mid Mississippi Valley, which resulted in clear and calm conditions conducive to dense fog.

(IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC

11/22/12 00:00 CST	0	Dense Fog
11/22/12 07:00 CST	0	

Widespread dense fog blanketed most of southern Illinois, mainly to the southeast of a line from Mount Vernon to Carbondale. Visibility was one-quarter mile or less. High pressure over the central Appalachian Mountains produced a light south wind flow of moist air, which contributed to the dense fog.

### INDIANA, Southwest

(IN-Z081) GIBSON, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH

11/22/12 03:00 CST	0	Dense Fog
11/22/12 07:00 CST	0	

Widespread dense fog blanketed parts of southwest Indiana, mainly along and west of a line from Princeton to Evansville. Visibility was one-quarter mile or less. High pressure over the central Appalachian Mountains produced a light south wind flow of moist air, which contributed to the dense fog.

### KENTUCKY, Southwest

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCracken, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL,

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(KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z018) HENDERSON

11/01/12 00:00 CST	0	Drought
11/30/12 23:59 CST	0	

There was slight improvement in long-term drought conditions during the month of November. Rainfall was below normal during the month, but this deficit was partially offset by low evaporation rates caused by unseasonably cool air. The drought officially ended along and east of a Marion to Princeton to Cadiz line. The area of severe drought conditions persisted along and west of the Kentucky Lake region. The remainder of the drought area was classified as moderate. The main impact of the long-term drought was on farm ponds used for irrigating fields or raising livestock. Soil moisture was near normal. Some pastures remained in poor or very poor condition, but many of them improved to adequate condition. Streamflows were running about normal. At Paducah, November rainfall was 2.04 inches, which was 2.26 inches below normal. The year-to-date rainfall deficit hovered around 18 inches. The drought began in May and continued into December in most areas.

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCracken, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD

11/08/12 04:00 CST	0	Dense Fog
11/08/12 07:00 CST	0	

Widespread dense fog reduced visibility to one-quarter mile or less across most of western Kentucky except the Owensboro and Henderson areas. Surface high pressure was centered over the lower and mid Mississippi Valley, which resulted in clear and calm conditions conducive to dense fog.

(KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCracken

11/21/12 01:00 CST	0	Dense Fog
11/21/12 07:00 CST	0	

Widespread dense fog reduced visibility to one-quarter mile or less from Paducah westward. Surface high pressure was centered over the mid Mississippi Valley, which resulted in clear and calm conditions conducive to dense fog.

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCracken, (KY-Z007) LIVINGSTON, (KY-Z010) CRITTENDEN, (KY-Z014) UNION, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS

11/22/12 04:00 CST	0	Dense Fog
11/22/12 07:00 CST	0	

Widespread dense fog blanketed the Ohio and Mississippi River counties of western Kentucky. Visibility was one-quarter mile or less. High pressure over the central Appalachian Mountains produced a light south wind flow of moist air, which contributed to the dense fog.

### MISSOURI, Southeast

(MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID

11/01/12 00:00 CST	0	Drought
11/30/12 23:59 CST	0	

There was slight improvement in long-term drought conditions during the month of November. Rainfall was below normal during the month, but this deficit was partially offset by low evaporation rates caused by unseasonably cool air. The drought officially ended along and north of a line from Marble Hill to Cape Girardeau. The area of severe drought improved to moderate drought. By the end of the month, areas south and west of a line from Cape Girardeau to Marble Hill were in moderate drought. The main impact of the long-term drought was on farm ponds used for irrigating fields or raising livestock. Soil moisture was near normal. Some pastures remained in poor or very poor condition, but many of them improved to adequate condition. Streamflows were running about normal. At Cape Girardeau, November rainfall was 1.32 inches, which was 3.12 inches below normal. The year-to-date rainfall deficit hovered around 18 inches. The drought began in May and continued into December in most areas.

(MO-Z076) PERRY, (MO-Z087) CAPE GIRARDEAU, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI

11/08/12 04:00 CST	0	Dense Fog
11/08/12 07:00 CST	0	

Widespread dense fog reduced visibility to one-quarter mile or less across the Mississippi River counties of southeast Missouri. Surface high pressure was centered over the lower and mid Mississippi Valley, which resulted in clear and calm conditions conducive to dense fog.

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<b>(MO-Z076) PERRY, (MO-Z087) CAPE GIRARDEAU, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI</b>				
	11/21/12 05:00 CST		0	Dense Fog
	11/21/12 09:00 CST		0	

Widespread dense fog reduced visibility to one-quarter mile or less across the Mississippi River counties of southeast Missouri. Surface high pressure was centered over the mid Mississippi Valley, which resulted in clear and calm conditions conducive to dense fog.

<b>(MO-Z087) CAPE GIRARDEAU, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID</b>				
	11/22/12 01:00 CST		0	Dense Fog
	11/22/12 08:00 CST		0	

Widespread dense fog blanketed most of southeast Missouri, mainly to the southeast of a line from Doniphan to Marble Hill and Perryville. Visibility was one-quarter mile or less. High pressure over the central Appalachian Mountains produced a light south wind flow of moist air, which contributed to the dense fog.